



The 2021 Lufkin, TX Weather Calendar



National
Weather
Service

Sponsored by your National Weather Service in Shreveport, LA

www.weather.gov/shv

The Shreveport National Weather Service

County Warning and Forecast Area



The National Weather Service Weather Forecast Office in Shreveport has forecast and warning responsibility for a total of **48 counties and parishes** over the four state area of Southeast Oklahoma, Southwest Arkansas, East Texas, and North & Central Louisiana.



The Shreveport National Weather Service Office



Weather observers began taking observations in 1871. By 1891, Shreveport became an official U.S. Weather Bureau Office in downtown Shreveport, and by 1940 the Weather Bureau was transferred to the Department of Commerce. Through the years, the Weather Service has gone from one daily surface weather map, to hourly weather observations, twice daily upper air observations, radar and satellite observations, and computer models. The National Weather Service in Shreveport is now located on Hollywood Avenue in Shreveport, LA, which is the 14th location in 140+ years of operation. Doppler Radar and the Upper-Air equipment are collocated with the office. Being on the fringe of tornado alley, the National Weather Service in Shreveport has been at the forefront of service to the public, and this will continue as new, cutting-edge technology becomes integrated into the forecast and warning process. We are constantly working with our partners to build a more resilient and Weather Ready Nation.



January 06, 2017 Winter Weather

An arctic air mass began to spill southward across the region during the morning hours on January 6th. An upper level disturbance then moved across the Red River Valley resulting in the development of light snow across much of SE Oklahoma, Extreme NE Texas, and SW Arkansas. Accumulating snow amounts ranged from around 0.5 inches or less across portions of Northeast Texas to between 1-2 inches across SE Oklahoma and SW Arkansas. A separate area of weak overrunning of warmer air atop the arctic cold front resulted in areas of sleet mixed with light freezing rain and light snow over portions of Deep East Texas...Northcentral, Northeast, and Central Louisiana. Freezing rain accumulations were less than one tenth of an inch and sleet accumulations were generally less than one-quarter inch. These light snow and ice accumulations resulted in hazardous travel conditions.



January 6, 2017 Snow
Nashville, AR
(photo courtesy of Susan Wright via KTAL Facebook)



January 6, 2017 Sleet
Hemphill, TX
(photo courtesy of Drew White via KTRE Facebook)



January 6, 2017 Sleet
Monroe, LA



January 6, 2017 Snow
Horatio, AR
(photo courtesy of Leah Nicole via KDQN Facebook)

January 2021

National Weather Service Shreveport

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SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	<i>January Rainfall</i> Avg. 0.4.17/23 in 9 days driest 0.0" /in 2020 wettest 7.44 /1929			Normals: High/Low Record: High-Year Record: Low-Year Sunrise Sunset Lufkin, TX.	1 59 / 38 82-2006 15-1928 sr 7:18 AM ss 5:28 PM  <i>New Year's Day</i>	2 59 / 38 80-2006 11-1979 sr 7:18 AM ss 5:28 PM
3 59 / 38 81-2009 12-1911 sr 7:18 AM ss 5:29 PM	4 59 / 38 80-2006 9-1911 sr 7:18 AM ss 5:30 PM	5 59 / 38 80-1946 17-1924 sr 7:18 AM ss 5:31 PM	6 59 / 38 81-1989 18-1947 sr 7:18 AM ss 5:31 PM  <i>Last Quarter</i>	7 59 / 38 80-1907 16-1970 sr 7:18 AM ss 5:32 PM	8 59 / 38 80-1911 15-1996 sr 7:18 AM ss 5:33 PM	9 59 / 38 81-1957 14-2010 sr 7:18 AM ss 5:34 PM
10 59 / 38 79-1963 11-1962 sr 7:18 AM ss 5:35 PM	11 59 / 38 80-1995 8-1982 sr 7:18 AM ss 5:36 PM	12 59 / 38 80-2017 4-1918 sr 7:18 AM ss 5:36 PM	13 59 / 38 79-2017 12-1918 sr 7:18 AM ss 5:37 PM  <i>New Moon</i>	14 60 / 38 81-1907 10-1982 sr 7:18 AM ss 5:38 PM	15 60 / 38 81-1952 20-1979 sr 7:17 AM ss 5:39 PM	16 60 / 38 83-1936 19-1992 sr 7:17 AM ss 5:40 PM
17 60 / 38 81-1952 18-1965 sr 7:17 AM ss 5:41 PM	18 60 / 38 82-1938 -2-1930 sr 7:17 AM ss 5:42 PM  <i>Martin Luther King Jr. Day</i>	19 60 / 38 82-1933 0-1930 sr 7:16 AM ss 5:43 PM	20 60 / 38 80-1954 7-1940 sr 7:16 AM ss 5:44 PM  <i>First Quarter</i>	21 60 / 38 84-1911 13-1985 sr 7:16 AM ss 5:44 PM	22 60 / 39 81-1969 10-1930 sr 7:15 AM ss 5:45 PM	23 60 / 39 85-1943 10-1940 sr 7:15 AM ss 5:46 PM  <i>National Pie Day</i>
24 60 / 39 81-1972 10-1940 sr 7:14 AM ss 5:47 PM	25 60 / 39 83-1950 18-1930 sr 7:14 AM ss 5:48 PM	26 61 / 39 81-2005 17-1940 sr 7:13 AM ss 5:49 PM	27 61 / 39 85-1975 20-1963 sr 7:13 AM ss 5:50 PM	28 61 / 39 84-1975 19-1963 sr 7:12 AM ss 5:51 PM  <i>Full Moon</i>	29 61 / 39 84-1975 20-1966 sr 7:12 AM ss 5:52 PM	30 61 / 39 86-1911 10-1949 sr 7:11 AM ss 5:53 PM
31 61 / 39 83-1911 5-1949 sr 7:11 AM ss 5:53 PM						

MARK TRAIL CHAMPIONS
NOAA WEATHER RADIO-
THE VOICE OF THE NATIONAL WEATHER
SERVICE



Mark Trail image courtesy of North America Syndicate, Inc., World Rights Reserved

Time to dust off your

Hazardous Weather can happen

ANYTIME!!!

A weekly test is broadcast every
Wednesday between the hours of 11
a.m. and Noon, unless severe weather
is in the area.

The test is then postponed until the
next good weather day.



A lot has
changed
over the
years, but

1950s

Sirens

1970s



1990s

Then our
cell
phones
fit right
in for



2010s



hand-held
revolution in this
"Polygon era".



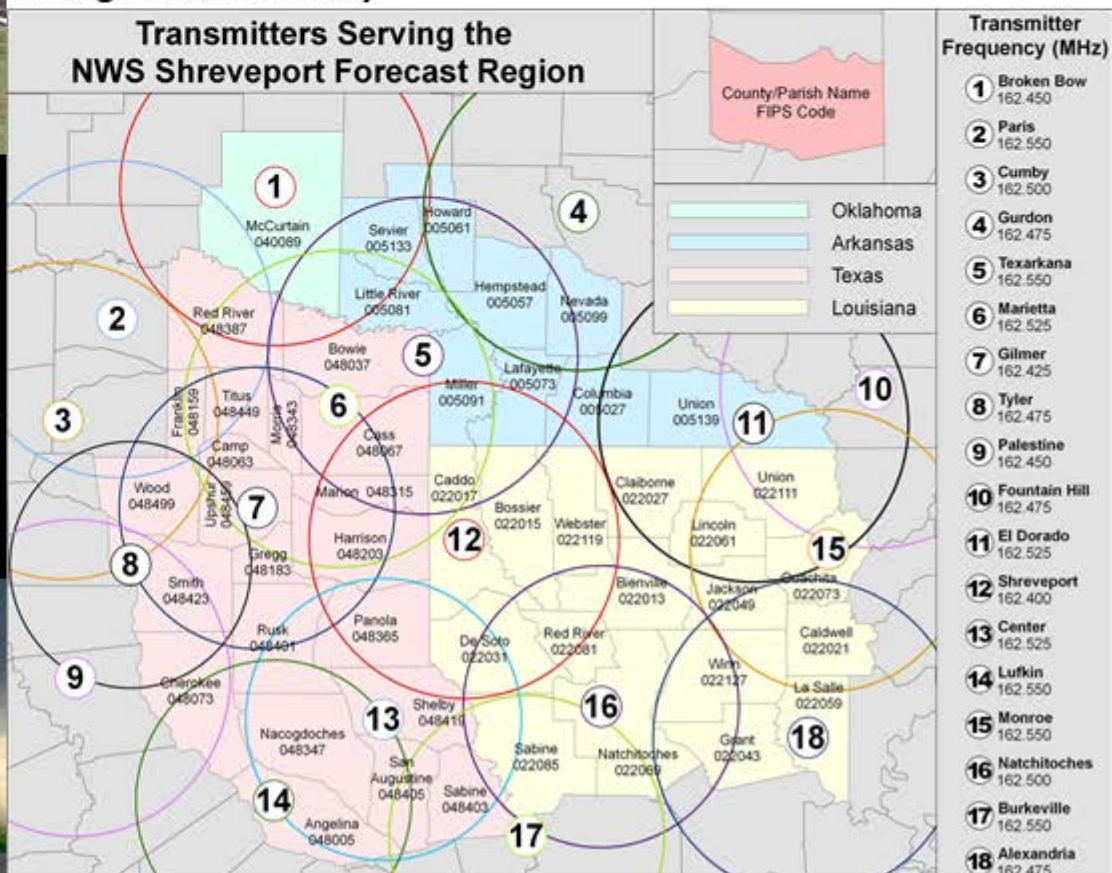
when seconds count...
you still can't beat a



National Weather Service - Shreveport



Transmitters Serving the NWS Shreveport Forecast Region



February 2021

National Weather Service Shreveport

www.weather.gov/shv

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	1 61 / 39 81-1911 9-1951 sr 7:10 AM ss 5:54 PM	2 61 / 40 83-1997 -2-1951 sr 7:09 AM ss 5:55 PM  Groundhog Day	3 62 / 40 82-1911 7-1951 sr 7:09 AM ss 5:56 PM	4 62 / 40 85-1957 16-1912 sr 7:08 AM ss 5:57 PM  Last Quarter	5 62 / 40 83-1957 17-1912 sr 7:07 AM ss 5:58 PM  National Weather Person's Day!!!!	6 62 / 40 79-1969 22-1984 sr 7:06 AM ss 5:59 PM
7 62 / 40 83-2017 19-1967 sr 7:05 AM ss 6:00 PM	8 62 / 40 85-1946 10-1933 sr 7:05 AM ss 6:01 PM	9 63 / 41 86-1932 10-1933 sr 7:04 AM ss 6:01 PM	10 63 / 41 86-1957 15-1933 sr 7:03 AM ss 6:02 PM	11 63 / 41 85-2017 15-1981 sr 7:02 AM ss 6:03 PM  New Moon	12 63 / 41 84-1931 18-1988 sr 7:01 AM ss 6:04 PM	13 63 / 41 84-1911 18-1958 sr 7:00 AM ss 6:05 PM
14 64 / 42 85-1945 24-1960 sr 6:59 AM ss 6:06 PM  Valentine's Day	15 64 / 42 84-1911 20-1909 sr 6:58 AM ss 6:06 PM  President's Day	16 64 / 42 85-1911 19-2007 sr 6:57 AM ss 6:07 PM	17 64 / 42 85-1911 17-1910 sr 6:57 AM ss 6:08 PM	18 64 / 42 88-1986 15-1936 sr 6:56 AM ss 6:09 PM	19 65 / 43 86-1986 16-1936 sr 6:55 AM ss 6:10 PM  First Quarter	20 65 / 43 92-1986 24-1978 sr 6:53 AM ss 6:10 PM
21 65 / 43 87-1996 20-1978 sr 6:52 AM ss 6:11 PM	22 65 / 43 92-1996 16-1978 sr 6:51 AM ss 6:12 PM	23 66 / 43 88-2012 23-1967 sr 6:50 AM ss 6:13 PM	24 66 / 44 85-1918 23-1968 sr 6:49 AM ss 6:14 PM	25 66 / 44 90-1918 22-1965 sr 6:48 AM ss 6:14 PM	26 66 / 44 86-1986 20-1960 sr 6:47 AM ss 6:15 PM	27 67 / 44 87-1918 19-2002 sr 6:46 AM ss 6:16 PM  Full Moon
28 67 / 45 89-1940 24-2002 sr 6:45 AM ss 6:17 PM	Normals: High/Low Record: High-Year Record: Low-Year Sunrise Sunset Lufkin, TX.	February Rainfall Avg. 3.57"/8 days driest: 0.30"/1996 wettest: 10.60/1910			NOAA Weather Radio Frequencies Shreveport LA 162.400 Gilmer TX 162.425 Broken Bow OK 162.450 Tyler TX 162.475 Natchitoches TX 162.500 Center TX, Marietta TX 162.525 El Dorado AR 162.525 Lufkin TX, Texarkana TX 162.550 Monroe LA 162.550	

Spring Forward

**Daylight Saving Time Begins
2:00 AM on March 14, 2021
(Set Clocks Ahead One Hour)**

- Check your batteries in your smoke and carbon monoxide detectors
- Test and replace the batteries in your NOAA Weather Radio



March 2021

National Weather Service Shreveport

www.weather.gov/shv

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	1 67 / 45 86-1946 20-1968 sr 6:44 AM ss 6:17 PM	2 68 / 45 87-1946 18-1980 sr 6:42 AM ss 6:18 PM	3 68 / 45 88-1946 16-1943 sr 6:41 AM ss 6:19 PM	4 68 / 45 87-1938 16-1943 sr 6:40 AM ss 6:20 PM	5 68 / 46 87-1991 24-2019 sr 6:39 AM ss 6:20 PM	6 69 / 46 92-1929 23-1989 sr 6:38 AM ss 6:21 PM  <i>Last Quarter</i>
7 69 / 46 89-1911 24-1967 sr 6:37 AM ss 6:22 PM	8 69 / 46 90-1911 24-1957 sr 6:35 AM ss 6:22 PM	9 69 / 47 89-1911 23-1932 sr 6:34 AM ss 6:23 PM	10 70 / 47 89-1911 24-1996 sr 6:33 AM ss 6:24 PM	11 70 / 47 89-1967 21-1948 sr 6:32 AM ss 6:24 PM	12 70 / 47 88-1955 19-1948 sr 6:30 AM ss 6:25 PM	13 71 / 47 89-1918 20-1948 sr 6:29 AM ss 6:26 PM  <i>New Moon</i>
14 71 / 48 90-1967 23-1993 sr 7:28 AM ss 7:27 PM  <i>Daylight Saving Time Begins</i>	15 71 / 48 87-1977 26-1988 sr 7:27 AM ss 7:27 PM	16 71 / 48 88-1908 29-1962 sr 7:26 AM ss 7:28 PM	17 72 / 48 88-1945 28-1913 sr 7:24 AM ss 7:29 PM  <i>St. Patrick's Day</i>	18 72 / 48 88-2013 29-1960 sr 7:23 AM ss 7:29 PM	19 72 / 49 89-1974 27-1988 sr 7:22 AM ss 7:30 PM	20 72 / 49 89-1907 25-1965 sr 7:21 AM ss 7:31 PM  <i>Spring Equinox at 4:37 a.m. CDT</i>
21 73 / 49 89-1910 28-1996 sr 7:19 AM ss 7:31 PM  <i>First Quarter</i>	22 73 / 49 89-1910 24-1915 sr 7:18 AM ss 7:32 PM	23 73 / 49 92-1929 29-1914 sr 7:17 AM ss 7:33 PM  <i>World Meteorological Day</i>	24 73 / 50 88-1907 28-1952 sr 7:15 AM ss 7:33 PM	25 74 / 50 93-1928 30-1912 sr 7:14 AM ss 7:34 PM	26 74 / 50 90-1928 25-1955 sr 7:13 AM ss 7:34 PM	27 74 / 50 90-2020 28-1955 sr 7:12 AM ss 7:35 PM
28 74 / 50 87-2014 31-1955 sr 7:10 AM ss 7:36 PM  <i>Full Moon</i>	29 75 / 51 89-1946 29-1955 sr 7:09 AM ss 7:36 PM	30 75 / 51 95-1946 30-2003 sr 7:08 AM ss 7:37 PM	31 75 / 51 97-1946 25-1987 sr 7:07 AM ss 7:38 PM	Normals: High /Low Record: High -Year Record: Low-Year Sunrise Sunset Lufkin, TX.	<i>March Rainfall</i> Avg. 3.71"/8 days driest: 0.22"/1963 wettest: 9.50/1995	

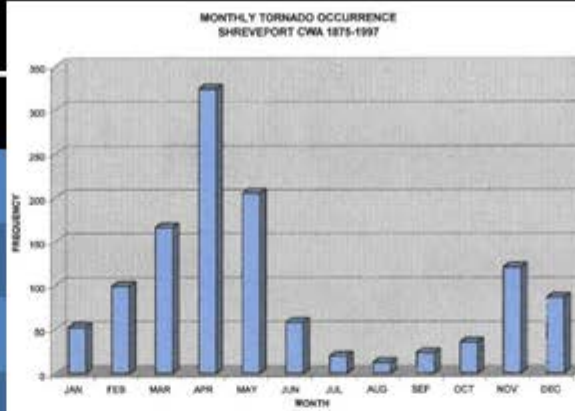
Enhanced Fujita Scale (EF-Scale)

EF Number Max. Est. Wind Gusts

0	65-85 mph
1	86-110 mph
2	111-135 mph
3	136-165 mph
4	166-200 mph
5	Over 200 mph



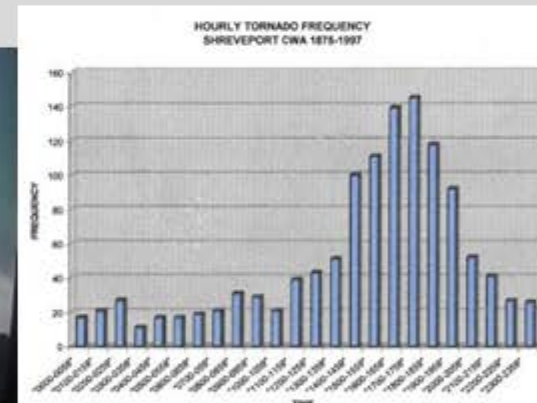
Dr. Ted Fujita, who developed the Fujita Scale, is conducting a storm damage survey with Ernest Ethridge, OIC of the WFOSHV, following the Dec. 3, 1978 devastating EF-4 Bossier City tornado.



11/05/18- EF-2 tornado damage near Marthville LA

Our four state area sees most tornadoes in April & late day, from 3 to 9 p.m.

01/21/17- EF-2 tornado near Natchez, LA
(photo courtesy of Sam Dierst)



HOW STRONG WAS THAT TORNADO?

Meteorologists are deployed from the National Weather Service to investigate areas where a tornado is thought to have occurred based on damage reports, storm spotter reports and radar indications. First, the type of damage is determined from a list of 28 Damage Indicators (DI). Examples include small barns, 1- or 2-family residences, retail buildings, and hardwood & softwood trees. Each DI is examined to determine the Degree of Damage, which is specific to the DI. This results in an EF-rating and an estimated range of peak wind speeds. If EF-4 or EF-5 damage is suspected, a second team is deployed to investigate the damage more closely and confirm the rating. Particular attention is paid to construction methods and materials when considering EF-4 or EF-5 ratings.

TORNADOES



April 2021

National Weather Service Shreveport

www.weather.gov/shv

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	Normals: High/Low Record: High-Year Record: Low-Year Sunrise Sunset Lufkin, TX.	April Rainfall Avg. 3.91"/7 days driest 0.14"/in 1930 wettest 11.95/1911		1 sr 7:05 AM ss 7:38 PM  April Fool's Day	2 sr 7:04 AM ss 7:39 PM Good Friday	3 sr 7:03 AM ss 7:40 PM
4 sr 7:02 AM ss 7:40 PM  Last Quarter Easter	5 sr 7:01 AM ss 7:41 PM	6 sr 6:59 AM ss 7:42 PM	7 sr 6:58 AM ss 7:42 PM	8 sr 6:57 AM ss 7:43 PM	9 sr 6:56 AM ss 7:44 PM	10 sr 6:54 AM ss 7:44 PM
11 sr 6:53 AM ss 7:45 PM	12 sr 6:52 AM ss 7:46 PM  New Moon	13 sr 6:51 AM ss 7:46 PM	14 sr 6:50 AM ss 7:47 PM	15 sr 6:49 AM ss 7:48 PM	16 sr 6:48 AM ss 7:48 PM	17 sr 6:46 AM ss 7:49 PM
18 sr 6:45 AM ss 7:50 PM	19 sr 6:44 AM ss 7:50 PM	20 sr 6:43 AM ss 7:51 PM  First Quarter	21 sr 6:42 AM ss 7:52 PM	22 sr 6:41 AM ss 7:52 PM  Earth Day	23 sr 6:40 AM ss 7:53 PM	24 sr 6:39 AM ss 7:54 PM
25 sr 6:38 AM ss 7:54 PM	26 sr 6:37 AM ss 7:55 PM	27 sr 6:36 AM ss 7:56 PM  Full Moon	28 sr 6:35 AM ss 7:56 PM	29 sr 6:34 AM ss 7:57 PM	30 sr 6:33 AM ss 7:58 PM	

Common Hail Sizes

Description Hail Size (in.)

Pea	$\frac{1}{4}$
Penny	$\frac{3}{4}$
Quarter	1
Half-Dollar	$1\frac{1}{4}$
Golf ball	$1\frac{3}{4}$
Tennis Ball	$2\frac{1}{2}$
Baseball	$2\frac{3}{4}$
Tea Cup	3
Softball	4
Grapefruit	$4\frac{1}{2}$

HAIL



May 10 2006, a "Tail-end Charlie" supercell T'storm produced this 4+ inch hail stone which fell in Rocky Branch. During this evening, other storms moving East produced baseball sized hail affecting many cities in NE LA in the MS river delta region.

April 2, 2017, a strong upper level system brought widespread severe weather across the region. Numerous reports of Tornadoes, Wind Damage, and large Hail was received across the area. The picture to the left (courtesy of Larrah Springer) shows quarter to half dollar size hail from Columbia, Louisiana.



Skywarn Spotter: Mack Redmond, KA5JNL
Location: Rocky Branch, LA
Date: May 10, 2006

Photo: David Gore, WS09G

How does large hail form inside of a maturing thunderstorm in a half hour?

Tiny liquid water droplets are carried high up in the cloud tops by the main updraft. Air temps drop about 5 degrees for every 1000 ft. up. By 50,000 ft up in "Overshooting" cloud tops, the air is 50-60 degrees colder and even below freezing in late Spring & Summer. The drops coalesce or merge as they freeze into what is called graupel (small ice pellets). Additional layers of water continue freeze on the growing hail, making several trips up and down in the storm, building ice layers for 10-20 minutes. By this time, the weight of the large hail is just too much for the updraft winds to support and it then falls to the Earth at speeds of 100 mph. The good news is that as these largest of hail stones fall into warming air and thus shrink a bit in size before impact. The updraft's strength is the key to hail sizes and is maximized with peak daytime heating and occurring potentially year round. Some hail forms in all T'storms thus making lightning through friction, like your slippers do in Winter.



May 2021

National Weather Service Shreveport

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SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	Normals: High/Low Record: High-Year Record: Low-Year Sunrise Sunset LUFKIN, TX.	May Rainfall Avg. 4.90"/8 days driest 0.01"/in 1998 wettest 15.75"/2015				1 sr 6:32 AM ss 7:59 PM 82 / 60 93-1943 41-1908
2 sr 6:31 AM ss 7:59 PM 82 / 60 93-1943 39-1909	3 sr 6:30 AM ss 8:00 PM 82 / 60 94-1943 43-1954  Last Quarter	4 sr 6:30 AM ss 8:01 PM 82 / 61 93-1943 40-1954	5 sr 6:29 AM ss 8:01 PM 82 / 61 93-2010 43-2013  Cinco de Mayo	6 sr 6:28 AM ss 8:02 PM 83 / 61 94-1984 44-2013	7 sr 6:27 AM ss 8:03 PM 83 / 61 94-2010 44-1992	8 sr 6:26 AM ss 8:03 PM 83 / 62 93-2011 43-1917
9 sr 6:26 AM ss 8:04 PM 83 / 62 95-2011 44-1917  Mother's Day	10 sr 6:25 AM ss 8:05 PM 84 / 62 93-2011 44-1961	11 sr 6:24 AM ss 8:05 PM 84 / 63 92-2014 43-1981  New Moon	12 sr 6:23 AM ss 8:06 PM 84 / 63 93-2002 43-1960	13 sr 6:23 AM ss 8:07 PM 84 / 63 92-1920 42-1960	14 sr 6:22 AM ss 8:07 PM 85 / 63 93-1911 46-1971	15 sr 6:21 AM ss 8:08 PM 85 / 64 94-1911 45-1907
16 sr 6:21 AM ss 8:09 PM 85 / 64 92-2002 45-1973	17 sr 6:20 AM ss 8:09 PM 85 / 64 96-1933 46-1945	18 sr 6:20 AM ss 8:10 PM 85 / 64 97-1933 49-1945	19 sr 6:19 AM ss 8:11 PM 86 / 65 96-1933 48-2002  First Quarter	20 sr 6:19 AM ss 8:11 PM 86 / 65 95-1933 50-2002	21 sr 6:18 AM ss 8:12 PM 86 / 65 97-2005 50-1960  Bike to Work Day	22 sr 6:18 AM ss 8:13 PM 86 / 65 97-2005 50-2001
23 sr 6:17 AM ss 8:13 PM 87 / 66 96-1996 50-2001	24 sr 6:17 AM ss 8:14 PM 87 / 66 95-1937 50-1910	25 sr 6:16 AM ss 8:15 PM 87 / 66 95-1996 53-2017	26 sr 6:16 AM ss 8:15 PM 87 / 66 96-2010 51-1979  Full Moon	27 sr 6:16 AM ss 8:16 PM 87 / 66 98-1963 48-1988	28 sr 6:15 AM ss 8:16 PM 88 / 67 99-1996 48-1961	29 sr 6:15 AM ss 8:17 PM 88 / 67 99-1996 55-1992
30 sr 6:15 AM ss 8:17 PM 88 / 67 99-1998 49-1984	31 sr 6:15 AM ss 8:18 PM Memorial Day 88 / 67 99-1998 49-1984					

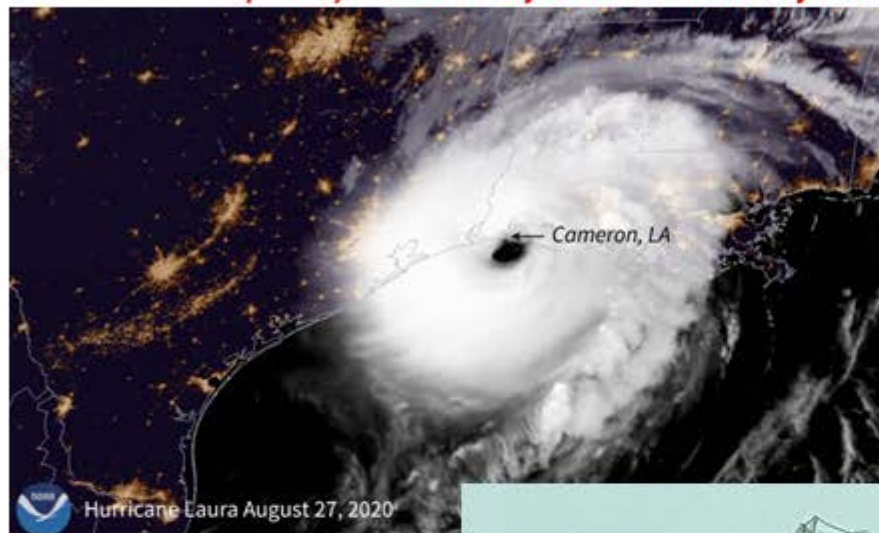


2021 Hurricane Names



Tropical Cyclone season for the Atlantic runs from June 1st through November 30th

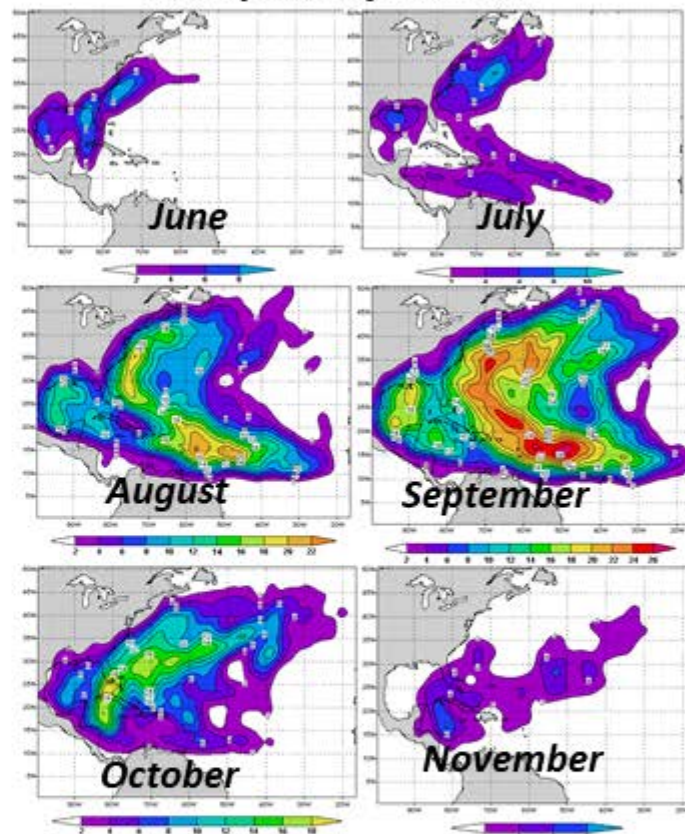
Ana
Bill
Claudette
Danny
Elsa
Fred
Grace
Henri
Ida
Julian
Kate
Larry
Mindy
Nicholas
Odette
Peter
Rose
Sam
Teresa
Victor
Wanda



Category 4 Hurricane
Laura made landfall
with 150-MPH winds.
These strong winds
destroyed the Lake
Charles Doppler Radar



Hot spots by month



Category classifications based on wind speed of hurricanes

Cat 1	Cat 2	Cat 3	Cat 4	Cat 5
74-95 mph	96-110 mph	111-129 mph	130-156 mph	157+mph

June 2021

National Weather Service Shreveport

www.weather.gov/shv

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Normals: High/Low Record: High-Year Record: Low-Year Sunrise Sunset Lufkin, TX. 	<i>June Rainfall</i> Avg. 3.74"/ 19 days Driest: 0.11" in 1936 Wettest: 14.02" in 1989	1 88 / 67 99-1911 50-1984 sr 6:14 AM ss 8:19 PM *Hurricane Season Starts Today*	2 88 / 68 99-2011 51-1907 sr 6:14 AM ss 8:19 PM  <i>Last Quarter</i>	3 89 / 68 97-2011 51-1970 sr 6:14 AM ss 8:20 PM	4 89 / 68 99-1960 55-1984 sr 6:14 AM ss 8:20 PM	5 89 / 68 101-2011 52-1919 sr 6:14 AM ss 8:21 PM
6 89 / 68 101-2011 53-1970 sr 6:14 AM ss 8:21 PM	7 89 / 69 99-1932 58-2000 sr 6:13 AM ss 8:22 PM	8 89 / 69 100-1911 58-1920 sr 6:13 AM ss 8:22 PM	9 90 / 69 101-1911 55-1996 sr 6:13 AM ss 8:22 PM	10 90 / 69 100-1914 56-1955 sr 6:13 AM ss 8:23 PM  <i>New Moon</i>	11 90 / 69 99-1953 52-1988 sr 6:13 AM ss 8:23 PM	12 90 / 69 100-1963 53-1955 sr 6:13 AM ss 8:24 PM
13 90 / 70 102-1934 55-1913 sr 6:14 AM ss 8:24 PM	14 90 / 70 103-1998 57-1913 sr 6:14 AM ss 8:24 PM  <i>Flag Day</i>	15 90 / 70 102-1998 56-1933 sr 6:14 AM ss 8:25 PM	16 91 / 70 102-2011 54-1917 sr 6:14 AM ss 8:25 PM	17 91 / 70 103-1918 53-1917 sr 6:14 AM ss 8:25 PM	18 91 / 70 105-1918 55-1917 sr 6:14 AM ss 8:26 PM  <i>First Quarter</i>	19 91 / 70 105-1934 60-1920 sr 6:14 AM ss 8:26 PM
20 91 / 71 104-1936 53-1912 sr 6:15 AM ss 8:26 PM <i>Father's Day Summer Solstice at 10:32p.m.CDT</i>	21 91 / 71 106-1936 60-1976 sr 6:15 AM ss 8:26 PM	22 91 / 71 103-1936 62-1912 sr 6:15 AM ss 8:26 PM	23 91 / 71 103-1918 60-1920 sr 6:15 AM ss 8:27 PM	24 91 / 71 102-1933 62-2001 sr 6:16 AM ss 8:27 PM  <i>Full Moon</i>	25 92 / 71 104-2012 54-1974 sr 6:16 AM ss 8:27 PM	26 92 / 71 103-2012 58-1974 sr 6:16 AM ss 8:27 PM
27 92 / 71 104-1918 56-1974 sr 6:17 AM ss 8:27 PM	28 92 / 72 104-1918 58-1974 sr 6:17 AM ss 8:27 PM	29 92 / 72 102-2013 57-1985 sr 6:17 AM ss 8:27 PM	30 92 / 72 104-1917 59-1985 sr 6:18 AM ss 8:27 PM	* Hurricane season in the North Atlantic runs from June 1st through November 30th. On average there will be 12 cyclones with 6 becoming hurricanes. The most storms in one season was 30 in 2020 with 13 of them becoming hurricanes, with 6 Major storms.		Scan this QR Code to learn more about Hurricane Preparedness 



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July 2021

National Weather Service Shreveport

www.weather.gov/shv

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	Normals: High/Low Record: High-Year Record: Low-Year Sunrise Sunset Lufkin, TX.	July Rainfall <i>Avg. 3.24"/8 days</i> <i>driest: Trace/1986</i> <i>wettest: 11.40"/1911</i>		1 91 / 73 102-2011 58-1883 sr 6:18 AM ss 8:32 PM  <i>Last Quarter</i>	2 91 / 73 104-2009 63-1886 sr 6:19 AM ss 8:32 PM	3 91 / 73 104-1894 62-2013 sr 6:19 AM ss 8:32 PM
4 91 / 73 104-1894 66-1892 sr 6:19 AM ss 8:32 PM  <i>Independence Day</i>	5 91 / 73 103-1897 61-1887 sr 6:20 AM ss 8:32 PM	6 91 / 73 102-2011 63-1892 sr 6:20 AM ss 8:32 PM	7 92 / 73 103-1998 65-1905 sr 6:21 AM ss 8:31 PM	8 92 / 73 104-2011 67-1905 sr 6:21 AM ss 8:31 PM	9 92 / 73 102-2011 64-1952 sr 6:22 AM ss 8:31 PM	10 92 / 73 103-2011 60-1905 sr 6:22 AM ss 8:31 PM  <i>New Moon</i>
11 92 / 73 104-1954 60-1899 sr 6:23 AM ss 8:30 PM	12 92 / 73 105-1954 61-1898 sr 6:24 AM ss 8:30 PM	13 92 / 73 104-2011 60-1898 sr 6:24 AM ss 8:30 PM	14 93 / 73 105-2011 60-1898 sr 6:25 AM ss 8:29 PM	15 93 / 73 105-2011 62-1898 sr 6:25 AM ss 8:29 PM	16 93 / 73 105-1954 67-2014 sr 6:26 AM ss 8:29 PM	17 93 / 73 104-1944 65-1945 sr 6:26 AM ss 8:28 PM  <i>First Quarter</i>
18 93 / 73 105-2006 66-2014 sr 6:27 AM ss 8:28 PM	19 93 / 73 104-1944 64-1891 sr 6:28 AM ss 8:27 PM	20 93 / 74 104-2018 62-1888 sr 6:28 AM ss 8:27 PM	21 93 / 74 105-2018 62-1888 sr 6:29 AM ss 8:26 PM	22 93 / 74 107-2018 62-1888 sr 6:30 AM ss 8:25 PM	23 94 / 74 104-2018 61-1888 sr 6:30 AM ss 8:25 PM  <i>National Vanilla Ice Cream Day</i>	24 94 / 74 105-1954 64-2007 sr 6:31 AM ss 8:24 PM  <i>Full Moon</i>
25 94 / 74 108-1954 64-2019 sr 6:31 AM ss 8:24 PM	26 94 / 74 103-1897 68-2004 sr 6:32 AM ss 8:23 PM	27 94 / 74 106-1897 65-2004 sr 6:33 AM ss 8:22 PM	28 94 / 74 103-1998 66-1890 sr 6:33 AM ss 8:22 PM	29 94 / 74 103-2012 60-1902 sr 6:34 AM ss 8:21 PM	30 94 / 74 104-2015 65-1898 sr 6:35 AM ss 8:20 PM	31 94 / 74 105-2011 60-1892 sr 6:35 AM ss 8:19 PM

Heat Related Deaths **ARE** Preventable LOOK BEFORE YOU LOCK



weather.gov/heat

nhtsa.gov

The temperature in your car can quickly become deadly!

Outside Temperature 80°



Protect yourself from the heat when outside

- Drink plenty of water to stay hydrated
- Apply sunscreen regularly
- Dress in lightweight and light-colored clothing and wear a wide-brimmed hat

weather.gov/heat



Relative Humidity (%)

°F	40	45	50	55	60	65	70	75	80	85	90	95	100
110	136												
108	130	137											
106	124	130	137										
104	119	124	131	137									
102	114	119	124	130	137								
100	109	114	118	124	129	136							
98	105	109	113	117	123	128	134						
96	101	104	108	112	116	121	126	132					
94	97	100	103	106	110	114	119	124	129	135			
92	94	96	99	101	105	108	112	116	121	126	131		
90	91	93	95	97	100	103	106	109	113	117	122	127	132
88	88	89	91	93	95	98	100	103	106	110	113	117	121
86	85	87	88	89	91	93	95	97	100	102	105	108	112
84	83	84	85	86	88	89	90	92	94	96	98	100	103
82	81	82	83	84	84	85	86	88	89	90	91	93	95
80	80	80	81	81	82	82	83	84	84	85	86	86	87

Heat Index
(Apparent Temperature)

With Prolonged Exposure and/or Physical Activity

Extreme Danger

Heat stroke or sunstroke highly likely

Danger

Sunstroke, muscle cramps, and/or heat exhaustion likely

Extreme Caution

Sunstroke, muscle cramps, and/or heat exhaustion possible

Caution

Fatigue possible

HEAT
EXHAUSTION

OR

HEAT
STROKE

Faint or dizzy

Excessive sweating



Cool, pale, clammy skin

Nausea or vomiting

Rapid, weak pulse

Muscle cramps

• Get to a cooler, air conditioned place

• Drink water if fully conscious

• Take a cool shower or use cold compresses



Throbbing headache, confusion

No sweating

Body temperature above 103°
Red, hot, dry skin

Nausea or vomiting

Rapid, strong pulse

May lose consciousness

CALL 9-1-1

- Move person to cooler place
- Cool using cool cloths or bath
- Do not give anything to drink

August 2021

National Weather Service Shreveport

www.weather.gov/shv

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1 94 / 73 107-2011 64-1936 sr 6:30 AM ss 8:13 PM	2 94 / 73 108-2011 63-2018 sr 6:31 AM ss 8:12 PM	3 94 / 73 109-2011 63-2018 sr 6:31 AM ss 8:11 PM	4 95 / 73 108-2011 62-1976 sr 6:32 AM ss 8:10 PM	5 95 / 73 107-2011 58-1880 sr 6:33 AM ss 8:09 PM	6 95 / 73 106-2011 63-1948 sr 6:33 AM ss 8:09 PM	7 95 / 73 106-1947 62-1957 sr 6:34 AM ss 8:08 PM
8 95 / 73 106-1947 60-1990 sr 6:35 AM ss 8:07 PM  <i>New Moon</i>	9 95 / 73 106-2011 58-1989 sr 6:35 AM ss 8:06 PM	10 95 / 73 109-1936 59-1989 sr 6:36 AM ss 8:05 PM	11 95 / 73 105-2015 61-1989 sr 6:37 AM ss 8:04 PM	12 95 / 73 107-1962 61-1967 sr 6:37 AM ss 8:03 PM	13 95 / 73 105-1948 59-2004 sr 6:38 AM ss 8:02 PM	14 95 / 73 106-2011 56-2004 sr 6:39 AM ss 8:01 PM
15 95 / 72 105-1881 60-2004 sr 6:39 AM ss 8:00 PM  <i>First Quarter</i>	16 94 / 72 107-2011 59-1992 sr 6:40 AM ss 7:58 PM  <i>Tell a Joke Day</i>	17 94 / 72 109-2011 53-1992 sr 6:41 AM ss 7:57 PM	18 94 / 72 110-1909 57-1992 sr 6:41 AM ss 7:56 PM	19 94 / 72 108-2011 61-1879 sr 6:42 AM ss 7:55 PM	20 94 / 72 108-2011 62-1940 sr 6:43 AM ss 7:54 PM	21 94 / 72 105-1881 59-1940 sr 6:43 AM ss 7:53 PM
22 94 / 72 104-2011 57-1949 sr 6:44 AM ss 7:52 PM  <i>Full Moon</i>	23 94 / 72 106-2011 58-1949 sr 6:45 AM ss 7:50 PM	24 94 / 72 103-1899 54-1891 sr 6:45 AM ss 7:49 PM	25 94 / 72 103-1881 56-1891 sr 6:46 AM ss 7:48 PM	26 94 / 71 105-2011 57-1891 sr 6:47 AM ss 7:47 PM  <i>National Dog Day</i>	27 93 / 71 103-1963 60-1891 sr 6:47 AM ss 7:46 PM	28 93 / 71 105-2011 60-1906 sr 6:48 AM ss 7:44 PM
29 93 / 71 104-1884 56-1986 sr 6:49 AM ss 7:43 PM	30 93 / 71 107-2000 54-1986 sr 6:49 AM ss 7:42 PM  <i>Last Quarter</i>	31 93 / 70 109-2000 59-1915 sr 6:50 AM ss 7:41 PM		 Scan this QR code for more on Heat Safety	August Rainfall Avg. 2.73"/16 days driest: Trace/2000 wettest: 10.89/1912	

Downburst Life Cycle



FORMATION -
Evaporation and
precip. drag
forms downdraft



IMPACT -
Downdraft quickly
accelerates and
strikes ground



DISSIPATION -
Downburst moves
away from point
of impact

Downbursts



Nashville, AR
May 28, 2017



May 22, 2008
Texarkana, TX



167 foot radio
station tower for
KNAS-FM radio in
Nashville, AR was
toppled due to
straight line winds
near 90 mph



What is a Downburst?

A downburst is a column of rapidly sinking air from an intense thunderstorm that spreads out all in all directions after reaching the ground. Typically, this will create very strong winds at ground-level and can cause damage over wide swaths of land. Downbursts can produce straight-line winds of over 150 mph. That can produce damage comparable to an EF-3 tornado!



September 2021

National Weather Service Shreveport

www.weather.gov/shv

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	Normals: High/Low Record: High-Year Record: Low-Year Sunrise Sunset Shreveport, LA	September Rainfall Avg. 3.16"/16 days driest: Trace/2017 wettest: 16.46/1913	1 92 / 70 107-2000 57-1915 sr 6:51 AM ss 7:39 PM	2 92 / 70 107-2000 57-1967 sr 6:51 AM ss 7:38 PM	3 92 / 70 109-2000 57-1974 sr 6:52 AM ss 7:37 PM	4 92 / 70 108-2000 54-1974 sr 6:52 AM ss 7:36 PM
5 92 / 69 102-1990 54-1891 sr 6:53 AM ss 7:34 PM	6 91 / 69 103-2012 56-1974 sr 6:54 AM ss 7:33 PM  Labor Day	7 91 / 69 105-1925 53-2011 sr 6:54 AM ss 7:32 PM  New Moon	8 91 / 68 102-2019 51-1988 sr 6:55 AM ss 7:30 PM	9 90 / 68 105-1925 54-1880 sr 6:56 AM ss 7:29 PM	10 90 / 68 102-1980 53-1880 sr 6:56 AM ss 7:28 PM	11 90 / 67 100-2010 49-1976 sr 6:57 AM ss 7:26 PM  Patriot Day
12 90 / 67 102-1980 52-1940 sr 6:57 AM ss 7:25 PM	13 89 / 67 107-2011 50-1902 sr 6:58 AM ss 7:24 PM  First Quarter	14 89 / 66 102-2011 50-1902 sr 6:59 AM ss 7:22 PM	15 89 / 66 103-1980 52-1902 sr 6:59 AM ss 7:21 PM	16 88 / 66 103-1980 47-1881 sr 7:00 AM ss 7:20 PM	17 88 / 65 99-2010 49-1903 sr 7:01 AM ss 7:18 PM	18 88 / 65 101-2005 50-1981 sr 7:01 AM ss 7:17 PM
19 87 / 65 103-1956 43-1981 sr 7:02 AM ss 7:16 PM	20 87 / 64 102-2005 48-1981 sr 7:02 AM ss 7:14 PM  Full Moon	21 87 / 64 103-2005 46-1918 sr 7:03 AM ss 7:13 PM	22 86 / 63 101-2005 43-1983 sr 7:04 AM ss 7:12 PM  Autumnal Equinox at 02:21 p.m. CDT	23 86 / 63 99-2000 45-1994 sr 7:04 AM ss 7:10 PM	24 86 / 63 98-1931 46-1990 sr 7:05 AM ss 7:09 PM	25 85 / 62 98-2011 46-1994 sr 7:06 AM ss 7:08 PM
26 85 / 62 101-2005 46-1975 sr 7:06 AM ss 7:06 PM	27 84 / 61 100-1953 43-1942 sr 7:07 AM ss 7:05 PM	28 84 / 61 103-1953 44-1909 sr 7:08 AM ss 7:04 PM	29 84 / 61 101-1953 42-1967 sr 7:08 AM ss 7:02 PM  Last Quarter	30 83 / 60 99-1953 42-1984 sr 7:09 AM ss 7:01 PM		

Why Do Leaves Change Color in the Fall?



Leaves get their green color from chlorophyll. This is needed in the process of photosynthesis, where trees use sunlight to change carbon dioxide and water into glucose. Trees will use glucose for energy and as a building block for their growth. As we move from Summer into Autumn, the days will become shorter, at which point there is not enough light or water for photosynthesis. As a result, trees are not able to process enough glucose for energy, and the chlorophyll begins to disappear from their leaves. As the bright green color in the leaves fade away, we begin to see more yellow, orange, bright reds, and purples before the leaves eventually fall and die.



PHOTO COURTESY OF
CARRIE GILLIAM
MONROE, LA



Daingerfield State Park
near Daingerfield, TX



PHOTO COURTESY OF
ALICIA KRAUS
PLAIN DEALING, LA

October 2021

National Weather Service Shreveport

www.weather.gov/shv

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	Normals: High/Low Record: High-Year Record: Low-Year Sunrise Sunset Shreveport, LA	October Rainfall Avg. 4.96"/17 days driest: 0.00"/1963 wettest: 20.35"/2009			1 83 / 60 99-1938 40-1984 sr 7:10 AM ss 7:00 PM  World Smile Day	2 83 / 59 97-2019 41-1984 sr 7:10 AM ss 6:58 PM
3 82 / 59 98-2019 43-1975 sr 7:11 AM ss 6:57 PM	4 82 / 59 97-2002 41-1987 sr 7:12 AM ss 6:56 PM	5 82 / 58 95-2006 42-1979 sr 7:12 AM ss 6:54 PM	6 81 / 58 97-1954 39-1985 sr 7:13 AM ss 6:53 PM  New Moon	7 81 / 58 93-2007 42-1952 sr 7:14 AM ss 6:52 PM	8 81 / 57 93-2017 35-1952 sr 7:14 AM ss 6:51 PM	9 80 / 57 94-2015 36-1917 sr 7:15 AM ss 6:49 PM
10 80 / 56 93-1975 38-2000 sr 7:16 AM ss 6:48 PM	11 80 / 56 94-1975 40-2000 sr 7:16 AM ss 6:47 PM  Columbus Day	12 80 / 56 95-2015 39-1977 sr 7:17 AM ss 6:46 PM	13 79 / 55 92-1963 34-1977 sr 7:18 AM ss 6:45 PM  First Quarter	14 79 / 55 96-2015 37-1977 sr 7:19 AM ss 6:43 PM	15 79 / 55 98-2015 38-1937 sr 7:19 AM ss 6:42 PM	16 78 / 54 92-2011 37-1977 sr 7:20 AM ss 6:41 PM
17 78 / 54 93-1972 34-1977 sr 7:21 AM ss 6:40 PM	18 78 / 54 91-2016 37-1978 sr 7:22 AM ss 6:39 PM	19 77 / 54 94-1921 32-1989 sr 7:22 AM ss 6:38 PM	20 77 / 53 91-1941 29-1989 sr 7:23 AM ss 6:36 PM  Full Moon	21 77 / 53 91-1941 31-1976 sr 7:24 AM ss 6:35 PM	22 76 / 53 94-1939 38-1911 sr 7:25 AM ss 6:34 PM	23 76 / 52 92-1939 35-1952 sr 7:26 AM ss 6:33 PM
24 76 / 52 89-1893 35-1917 sr 7:26 AM ss 6:32 PM	25 75 / 52 90-1931 33-1980 sr 7:27 AM ss 6:31 PM	26 75 / 51 89-1934 35-1898 sr 7:28 AM ss 6:30 PM	27 75 / 51 89-2010 33-1957 sr 7:29 AM ss 6:29 PM	28 74 / 51 87-2016 31-1957 sr 7:30 AM ss 6:28 PM  Last Quarter	29 74 / 51 90-1937 29-2017 sr 7:30 AM ss 6:27 PM	30 74 / 50 90-1937 29-1917 sr 7:31 AM ss 6:26 PM
31 73 / 50 88-1972 28-1993 sr 7:32 AM ss 6:25 PM  Halloween						



Time To FALL BACK

**Daylight Saving Time Ends
2:00 AM on November 7, 2020**
(Set Clocks Back One Hour)

- **Do a fire drill at home and write a family communication plan**
- **Test and replace the batteries in your NOAA Weather Radio**
- **Check batteries in your smoke detectors and Carbon Monoxide Detectors**

November 2021

National Weather Service Shreveport

www.weather.gov/shv

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	1 71 / 49 89-1903 26-1917 sr 7:35 AM ss 6:24 PM	2 70 / 48 85-2017 27-1951 sr 7:36 AM ss 6:23 PM  Election Day	3 70 / 48 86-1922 23-1966 sr 7:37 AM ss 6:22 PM	4 69 / 48 87-1922 22-1991 sr 7:38 AM ss 6:21 PM  New Moon	5 69 / 47 85-1924 26-1991 sr 7:39 AM ss 6:20 PM	6 69 / 47 88-1903 27-1959 sr 7:40 AM ss 6:20 PM
7 68 / 47 86-1989 23-1959 sr 6:40 AM ss 5:19 PM  Daylight Saving Time Ends	8 68 / 46 87-1927 26-1959 sr 6:41 AM ss 5:18 PM	9 67 / 46 85-1934 21-1991 sr 6:42 AM ss 5:17 PM	10 67 / 46 87-1906 26-1950 sr 6:43 AM ss 5:17 PM  Veteran's Day	11 67 / 45 87-1906 21-1950 sr 6:44 AM ss 5:16 PM  First Quarter	12 66 / 45 86-1955 23-2019 sr 6:45 AM ss 5:15 PM	13 66 / 45 86-1955 18-2019 sr 6:46 AM ss 5:15 PM
14 65 / 44 86-1955 20-1940 sr 6:47 AM ss 5:14 PM	15 65 / 44 83-1964 20-1940 sr 6:48 AM ss 5:13 PM	16 64 / 44 85-2016 18-1932 sr 6:49 AM ss 5:13 PM	17 64 / 43 85-2013 22-1920 sr 6:50 AM ss 5:12 PM	18 64 / 43 83-1921 19-2014 sr 6:51 AM ss 5:12 PM	19 63 / 43 83-1913 20-1914 sr 6:52 AM ss 5:11 PM  Full Moon	20 63 / 42 83-2011 15-1903 sr 6:52 AM ss 5:11 PM
21 62 / 42 82-1967 24-1937 sr 6:53 AM ss 5:11 PM	22 62 / 42 84-1909 22-1964 sr 6:54 AM ss 5:10 PM	23 62 / 41 84-1913 18-1929 sr 6:55 AM ss 5:10 PM	24 61 / 41 84-1965 19-1970 sr 6:56 AM ss 5:10 PM	25 61 / 41 84-1965 20-1938 sr 6:57 AM ss 5:09 PM  Thanksgiving Day	26 61 / 40 88-1965 24-1928 sr 6:58 AM ss 5:09 PM	27 60 / 40 83-1927 19-1938 sr 6:59 AM ss 5:09 PM  Last Quarter
28 60 / 40 83-1949 18-1912 sr 7:00 AM ss 5:09 PM	29 60 / 39 80-1933 18-1976 sr 7:01 AM ss 5:08 PM	30 59 / 39 78-1913 18-1929 sr 7:01 AM ss 5:08 PM *Hurricane Season Ends Today*	Normals: High/Low Record: High-Year Record: Low-Year Sunrise Sunset Texarkana, AR	November Rainfall Avg. 4.53"/17days driest: 0.04"/1903 wettest: 10.81/1987		

Volunteer COOP weather stations are located in every county and parish.



Temperature, rainfall, evaporation and river data are reported from our 120 sites daily.

December 2021

National Weather Service Shreveport

www.weather.gov/shv

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Normals: High/Low Record: High-Year Record: Low-Year Sunrise Sunset Shreveport, LA	<i>December Rainfall</i> Avg. 4.77"/19 days driest: 0.41"/1903 wettest: 15.55"/1987		1 62 / 41 80-1950 22-1877 sr 6:59 AM ss 5:10 PM	2 62 / 40 80-2012 25-1960 sr 7:00 AM ss 5:10 PM	3 61 / 40 84-2005 21-1929 sr 7:01 AM ss 5:10 PM	4 61 / 40 80-2017 19-1897 sr 7:02 AM ss 5:10 PM  <i>New Moon</i>
5 61 / 39 82-1956 20-2009 sr 7:03 AM ss 5:10 PM	6 60 / 39 81-1998 17-1950 sr 7:03 AM ss 5:10 PM	7 60 / 39 83-1939 14-1950 sr 7:04 AM ss 5:10 PM	8 60 / 39 83-1922 19-1927 sr 7:05 AM ss 5:10 PM	9 60 / 39 80-2007 18-1917 sr 7:06 AM ss 5:10 PM	10 59 / 38 78-1939 17-1978 sr 7:06 AM ss 5:10 PM	11 59 / 38 81-2015 20-1898 sr 7:07 AM ss 5:11 PM  <i>First Quarter</i>
12 59 / 38 80-1973 17-1962 sr 7:08 AM ss 5:11 PM	13 59 / 38 82-1948 16-1962 sr 7:08 AM ss 5:11 PM	14 58 / 38 81-1975 18-1985 sr 7:09 AM ss 5:11 PM	15 58 / 38 80-2019 16-1901 sr 7:10 AM ss 5:12 PM	16 58 / 37 81-1924 15-1989 sr 7:10 AM ss 5:12 PM	17 58 / 37 79-2016 19-1901 sr 7:11 AM ss 5:12 PM	18 58 / 37 80-1980 16-1979 sr 7:12 AM ss 5:13 PM
19 58 / 37 80-1977 15-1929 sr 7:12 AM ss 5:13 PM  <i>Full Moon</i>	20 58 / 37 80-1967 14-1901 sr 7:13 AM ss 5:14 PM	21 57 / 37 82-2010 18-1973 sr 7:13 AM ss 5:14 PM  <i>Winter Solstice at 02:59 p.m. CST</i>	22 57 / 37 79-1981 10-1989 sr 7:14 AM ss 5:15 PM	23 57 / 37 81-2015 5-1989 sr 7:14 AM ss 5:15 PM	24 57 / 37 84-1955 8-1989 sr 7:15 AM ss 5:16 PM	25 57 / 36 83-1964 6-1983 sr 7:15 AM ss 5:16 PM  <i>Christmas Day</i>
26 57 / 36 83-2016 14-1983 sr 7:15 AM ss 5:17 PM	27 57 / 36 82-2015 18-1892 sr 7:16 AM ss 5:18 PM  <i>Last Quarter</i>	28 57 / 36 78-1907 11-1894 sr 7:16 AM ss 5:18 PM	29 57 / 36 80-1984 10-1880 sr 7:16 AM ss 5:19 PM	30 57 / 36 83-1951 10-1983 sr 7:17 AM ss 5:20 PM	31 57 / 36 81-1964 12-1983 sr 7:17 AM ss 5:20 PM  <i>New Year's Eve</i>	Scan this QR Code for more about winter safety 